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OTTAWA - CANADA



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CHEMICALS AND ALLIED PRODUCTS GROUP

FINAL SUMMARY STATISTICS - 1938

Final statistics for 1938 place the value of chemicals and allied products at \$146,139,312, or 1.9 per cent less than in 1937 when the record of \$148,973,220 was reached. A total of 790 establishments were in operation and employees numbered 21,896. About \$61 millions were spent on materials and supplies, \$29 millions on salaries and wages, and \$5 millions for fuel and electricity.

The principal statistics for each of the 13 industries in the chemicals and allied products group are given in the accompanying tables. Nine industries reported lower output values than in 1937, the percentage declines being as follows: coal tar distillation, 14.8; acids, alkalies and salts, 9.4; hardwood distillation, 8.8; inks, 2.7; soaps and cleaning preparations, 7.3; paints, 4.7; compressed gases, 4.5; medicinals and pharmaceuticals, 1.1; and miscellaneous, 0.2. Higher production values were recorded for 4 industries - fertilizers advancing 25 per cent, polishes, 13.1 per cent, and toilet preparations 0.1 per cent, while adhesives showed a slight increase.

About 56 per cent of the production was from Ontario's 412 establishments, their output being valued at \$82,195,824 in 1938; Quebec, with 243 factories and a production of \$44,675,929, accounted for 35 per cent of the total for Canada.

Imports of chemicals and allied products were valued at \$35,205,579 in 1938 compared with \$37,413,987 in 1937. The major declines were for dyeing and tanning materials which dropped 24 per cent to \$4,313,078, and for paints, pigments and varnishes which fell off 25 per cent to \$3,774,148. The value of imports from the United States at \$22,333,431 was about the same as in 1937, but purchases from the United Kingdom dropped nearly 12 per cent to \$6,947,216 and purchases from Germany declined by one-third to \$2,232,734. In 1938 the United States supplied 63.5 per cent of the total imports as against 60.2 per cent in 1937; the United Kingdom's share decreased to 19.7 per cent from 21.0 per cent, and the proportion from other countries dropped to 16.8 per cent from 18.8 per cent.

Exports in 1938 amounted to \$19,495,966 as against \$21,666,897 in the preceding year. Shipments of acids to foreign countries fell off more than 50 per cent to \$1,353,770, sodium compounds dropped 14 per cent to \$4,000,307, and cobalt salts declined 31 per cent to \$523,218 while for other items there was little change from 1937. The United States took 40.3 per cent of all exports in this group, the United Kingdom took 25.8 per cent, and other countries took 33.9 per cent.

Table 1 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS  
IN CANADA, BY INDUSTRIES, 1937 and 1938

Industry	No. of plants	Capital employed	Average	Salaries and wages	Cost of materials at works	Gross selling value
			number of employees			of products
		\$		\$	\$	\$
<u>1937</u>						
Coal tar distillation.	10	4,392,474	254	357,744	2,189,237	3,399,541
Acids, alkalies and salts .....	21	35,094,008	3,359	4,893,418	6,008,977	22,410,168
Compressed gases .....	27	4,605,170	606	919,773	527,410	3,929,242
Fertilizers .....	20	16,689,720	1,023	1,447,625	6,693,841	10,266,953
Medicinals and pharmaceuticals .....	174	22,780,119	4,296	5,311,120	8,808,929	24,314,647
Paints, pigments and varnishes .....	82	23,853,360	3,324	4,827,199	12,307,011	25,531,117
Soaps and washing compounds .....	101	14,201,659	2,284	2,836,208	11,253,146	19,693,888
Toilet preparations ..	82	5,962,591	1,207	1,269,340	2,577,943	6,842,937
Inks .....	31	2,921,173	520	882,449	1,278,720	3,270,506
Hardwood distillation.	5	1,546,353	183	139,992	421,321	749,084
Adhesives .....	18	2,357,662	416	483,819	901,194	1,904,137
Polishes and dressings	46	2,475,656	462	528,462	1,400,923	2,736,269
Miscellaneous .....	137	24,285,123	4,034	4,715,570	10,092,295	23,424,731
TOTAL .....	754	161,165,068	21,968	28,612,719	64,460,947	148,973,320
<u>1938</u>						
Coal tar distillation.	10	4,780,847	257	356,564	1,742,366	2,895,237
Acids, alkalies and salts .....	24	32,254,723	2,991	4,571,579	5,223,443	20,476,578
Compressed gases .....	30	4,938,766	654	1,018,694	506,003	3,753,600
Fertilizers .....	26	17,155,945	1,232	1,560,873	8,344,853	12,841,300
Medicinals and pharmaceuticals .....	171	23,508,341	4,270	5,690,826	8,566,007	24,536,474
Paints, pigments and varnishes .....	87	24,252,436	3,412	5,003,001	11,333,307	24,317,532
Soaps and washing compounds .....	109	13,346,856	2,273	2,942,456	9,224,150	18,241,985
Toilet preparations ..	83	5,648,460	1,123	1,247,027	2,574,579	6,851,167
Inks .....	31	2,764,654	530	918,535	1,250,000	3,180,990
Hardwood distillation.	5	1,559,583	168	136,822	373,763	632,269
Adhesives .....	19	2,580,263	415	496,950	851,529	1,904,258
Polishes and dressings	52	2,485,993	498	601,172	1,484,638	3,096,253
Miscellaneous .....	143	25,989,719	4,073	5,026,018	9,239,464	25,361,669
TOTAL .....	790	161,266,586	21,396	29,570,517	60,714,102	146,139,312

Table 2 - PRINCIPAL STATISTICS FOR THE MANUFACTURE OF CHEMICALS AND ALLIED PRODUCTS  
IN CANADA, BY PROVINCES, 1937 and 1938

Province	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Gross selling value of products at works
		\$		\$	\$	\$
<u>1937</u>						
Nova Scotia and Prince Edward Island	13	2,096,732	287	335,799	1,378,151	2,374,241
New Brunswick .....	7	1,483,513	158	195,033	1,293,969	1,772,346
Quebec .....	234	56,726,682	7,851	9,590,912	18,939,520	45,096,665
Ontario .....	387	78,905,378	11,631	15,577,035	36,709,072	85,751,105
Manitoba .....	37	4,920,330	645	782,135	2,181,784	4,569,710
Saskatchewan .....	9	577,427	76	103,400	102,764	227,029
Alberta .....	19	556,712	88	92,681	242,449	658,064
British Columbia ...	48	15,898,294	1,232	1,935,724	3,613,238	8,524,060
CANADA .....	754	161,165,068	21,968	28,612,719	64,460,947	148,973,220
<u>1937</u>						
Nova Scotia and Prince Edward Island	14	2,266,874	286	333,711	1,438,705	2,518,550
New Brunswick .....	7	1,613,371	153	217,987	1,365,043	1,891,048
Quebec .....	243	57,334,597	7,947	10,110,553	18,042,543	44,675,929
Ontario .....	412	79,890,812	11,418	16,100,275	33,666,397	82,195,824
Manitoba .....	40	4,773,005	640	774,985	1,913,358	4,221,983
Saskatchewan .....	8	484,596	71	88,088	127,325	308,192
Alberta .....	17	503,283	97	94,969	236,629	641,964
British Columbia ...	49	14,400,048	1,284	1,849,949	3,924,102	9,685,822
CANADA .....	790	161,266,586	21,896	29,570,517	60,714,102	146,139,312

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